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AMENDMENT TO THE CLAIMS

- 1. (Previously presented) A promoter arbitrary genes in plant seeds, wherein there exists the sequence of Fig. 1a, which thus becomes the object of the claim.
- (Previously presented) The promoter according to claim 1, wherein it mediates the
 expression in the cotyledons and in the endosperm of seeds as a function of
 development.
- (Previously presented) Expression cassette for expression of arbitrary genes, containing:
 - · a promoter according to claim 1 or 2,
 - · a gene to be expressed
 - · 3' termination sequences.
- (Previously presented) Expression cassette according to claim 3, wherein it additionally contains the DNA sequence of a signal peptide, preferably the SBP signal peptide.
- 5. (Previously presented) Expression cassette according to claim 3, wherein a further DNA sequence is downstream to the DNA region provided with a transcriptionally regulatory sequence for a strong seed-specific gene expression, the latter region containing the information for the formation and quantitative distribution of endogenous products or the expression of heterologous products in culture crops.
- (Previously presented) Expression cassette according to claims 3 to 5, wherein arbitrary foreign genes are integrated either as transcription or as translation fusions.
- 7. (Previously presented) Expression cassette according to claims 3 to 6, wherein the signal peptide of the SBP seed protein gene is used as a signal peptide.
- 8. (Previously presented) Expression cassette according to claims 3 to 7, wherein the gene of the binding protein is used as the gene to be expressed.

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- 9. (Previously presented) Expression cassette according to claims 3 to 8, wherein it is also used for co- and multi transformations.
- 10. (Previously presented) Plasmids containing an expression cassette according to claims 3 to 8.
- 11. (Previously presented) Plasmid pSBPROCS according to claim 10, comprising a DNA sequence about 5.3 kB in size, in which a Sall promoter fragment of the regulatory starter area about 1.9 kb in size including the signal peptide and 5 triplets of the SBP-homologous gene of Vicia faba, restriction for cloning genes and the transcription terminator of the octopine synthase gene are contained.
- 12. (Previously presented) Plasmid pPTVSBPRGUS according to claim 10, a DNA sequence about 14.9 kb in size, in which a phosphinothricin resistance gene about 1 kb in size, a Sall/Ncol promoter fragment of the regulatory starter area of the SBP-gene of Vicia faba about 1.8 kb in size, the coding region of the ß-glucuronidase about 2 kb in size and the transcription terminator of the octopine synthase gene are contained.
- 13. (Previously presented) Method for the insertion of an expression cassette according to claims 3 to 9 with a DNA sequence for strong seed-specific gene expression into a plant cell, comprising the following steps:
 - a) isolation of clone VfSBP20, wherein the gene coding for the SBP seed protein occurring in the plant seed is selected from a cDNA Bank of cotyledons of Vicia faba,
 - b) isolation of clone pSBPR15, wherein the DNA sequence contained therein comprises the regulatory starter region of the SBP seed protein gene of Vicia faba and a sequence from a related hybridising with the DNA sequence of the SBPR15,
 - production of the plasmid pSBPOCS making use of the Sall fragment of plasmid pSBPR15 1.9 kb in size,
 - d) integration of genes into the pSBPOCS expression cassette,

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- e) cloning of the expression cassette containing a DNA sequence for overexpression of genes in plant seeds, into binary vectors
- f) transfer of the expression cassette containing an gene under the control of the promoter according to claims 1 or 2 into a plant cell.
- 14. 18. (Canceled).
- 19. (Previously presented) (Previously presented) Plant cell containing a plasmid according to claims 10 to 12.
- 20. (Previously presented) Plant cell produced according to the method of claim 13.
- 21. (New) Plant or plant tissues regenerated from a plant cell according to claims 14 or 15.
- 22. (New) Plant according to claim 14, wherein it is a culture crop.
- 23. (New) The expression cassette according to claim 4, further comprising a DNA sequence encoding a SBP signal peptide.